

FIG. 1A

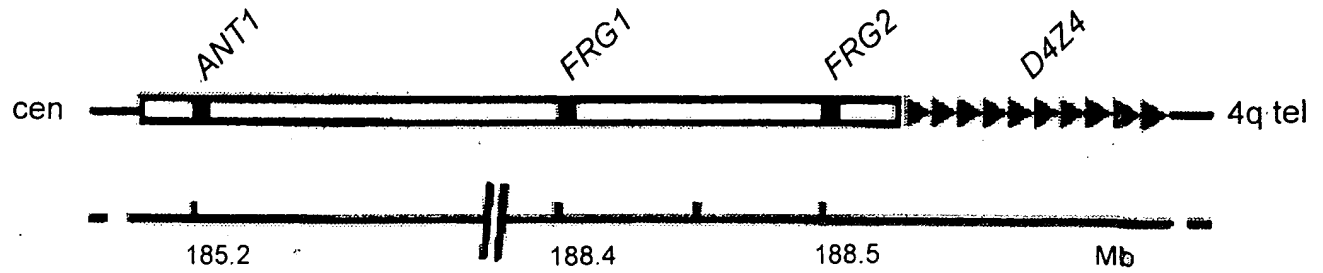


FIG. 1B

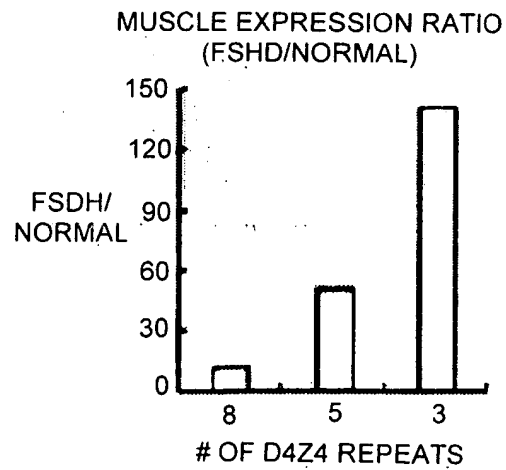
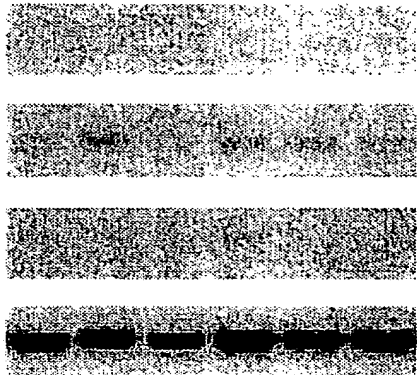


FIG. 1F

NORMAL 1  
 NORMAL 2  
 NORMAL 3  
 FSHD 1  
 FSHD 2  
 FSHD 3



PBL

FIG. 1C

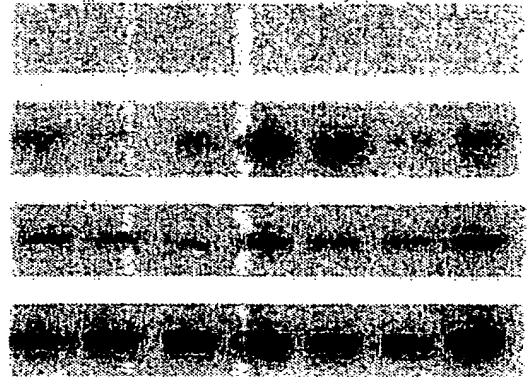
NORMAL 4  
 NORMAL 5  
 DMD 1  
 DMD 2  
 ALS 1  
 ALS 2  
 LGMD

FRG 2

FRG 1

ANT 1

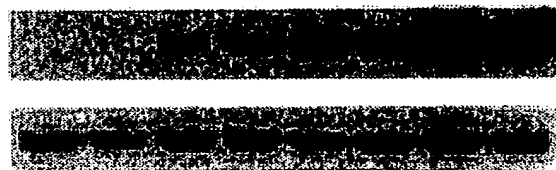
GAPDH



MUSCLE

FIG. 1D

NORMAL 6  
 NORMAL 7  
 FSHD 4  
 FSHD 5  
 FSHD 6  
 FSHD 7  
 FSHD 8  
 FSHD 9



FRG2

GAPDH

>11 >11 8 8 5 5 3 3

# of D4Z4 repeats

MUSCLE

FIG. 1E

Applicant(s): Tupler et al.

METHODS OF DETECTING AND TREATING  
FACIOSCAPULOHUMERAL MUSCULAR DYSTROPHY

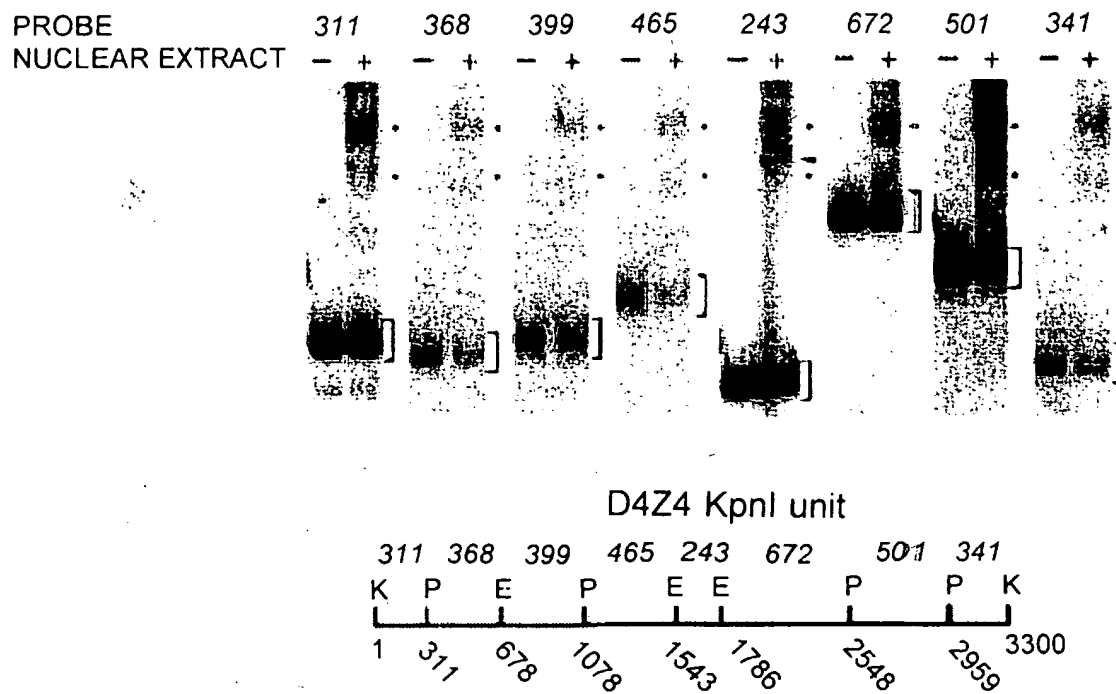


FIG. 2A

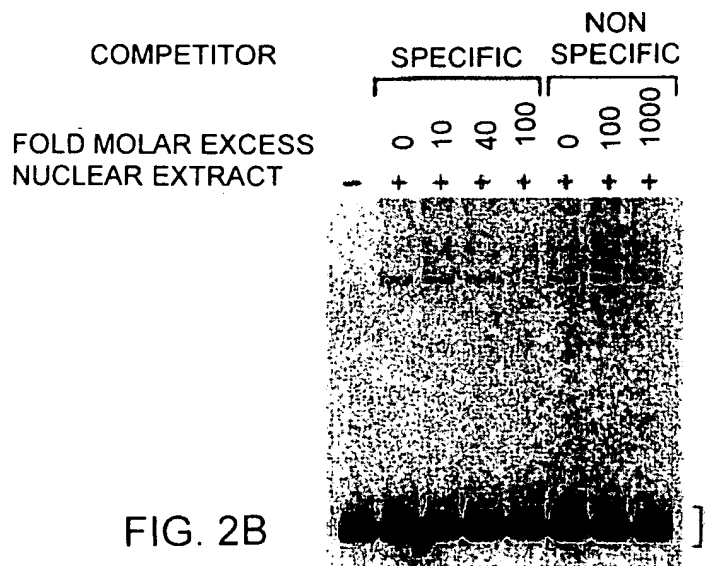


FIG. 2B

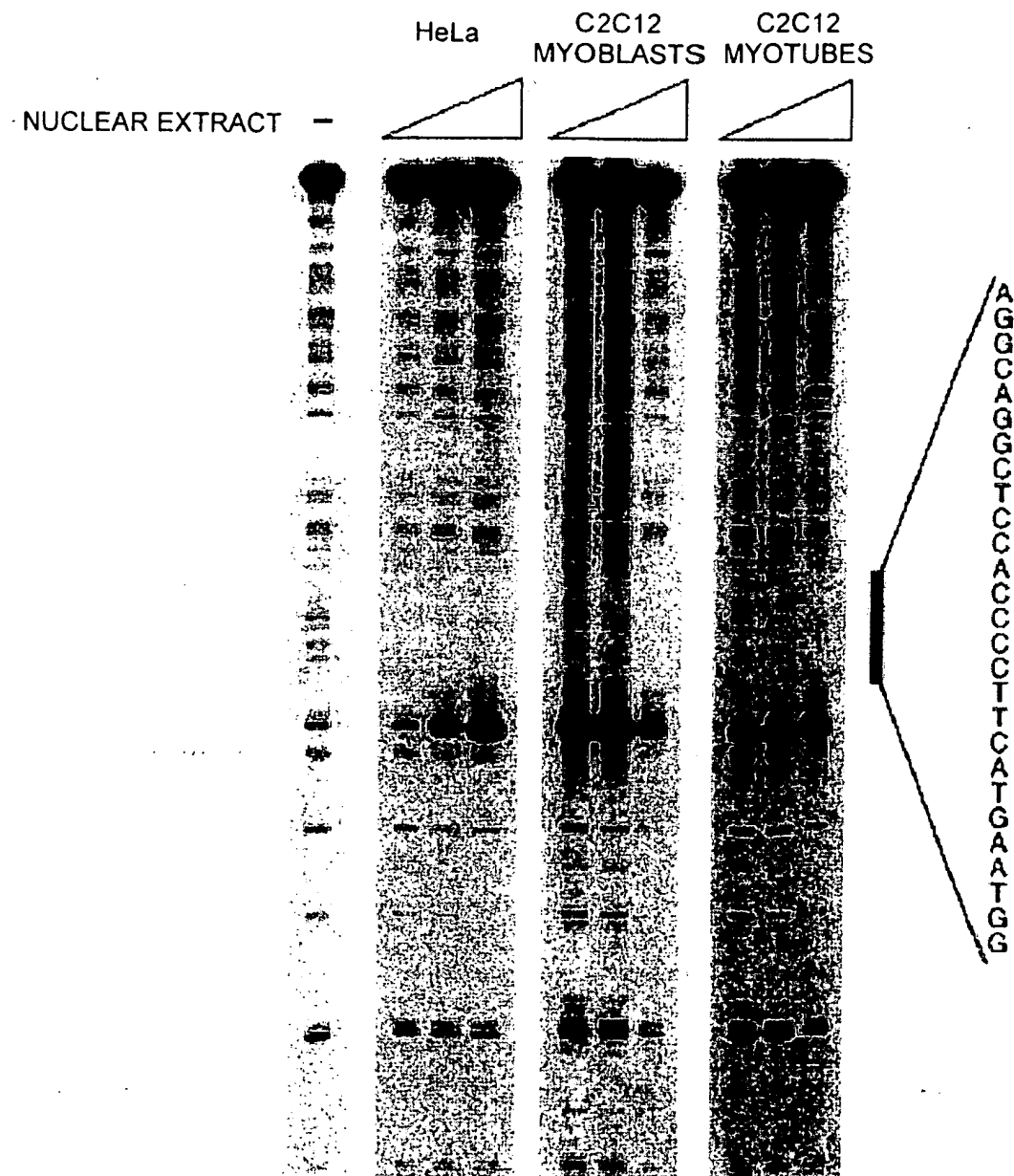


FIG. 2C

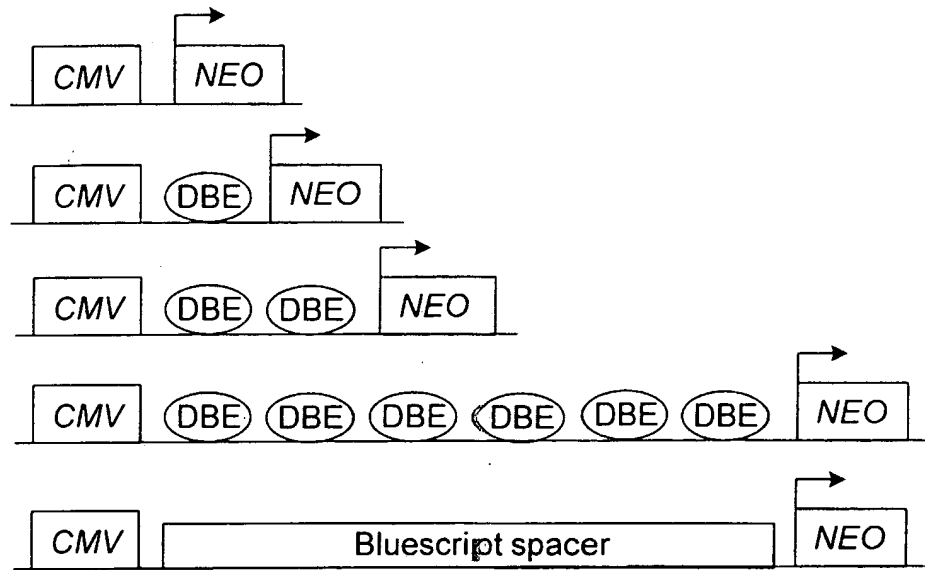
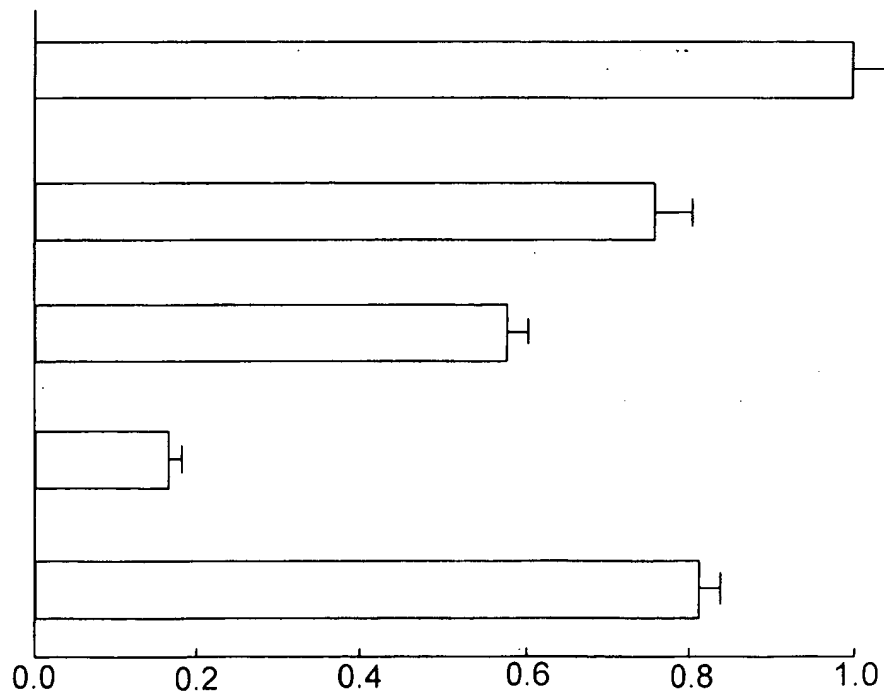


FIG. 3A

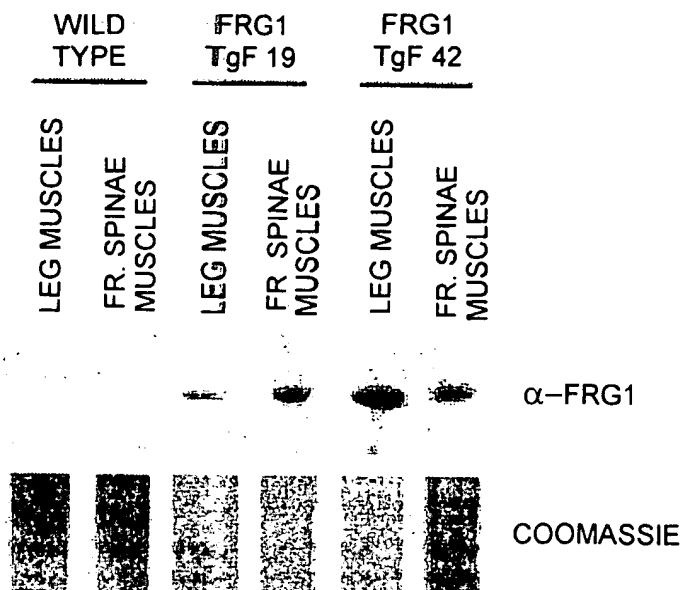
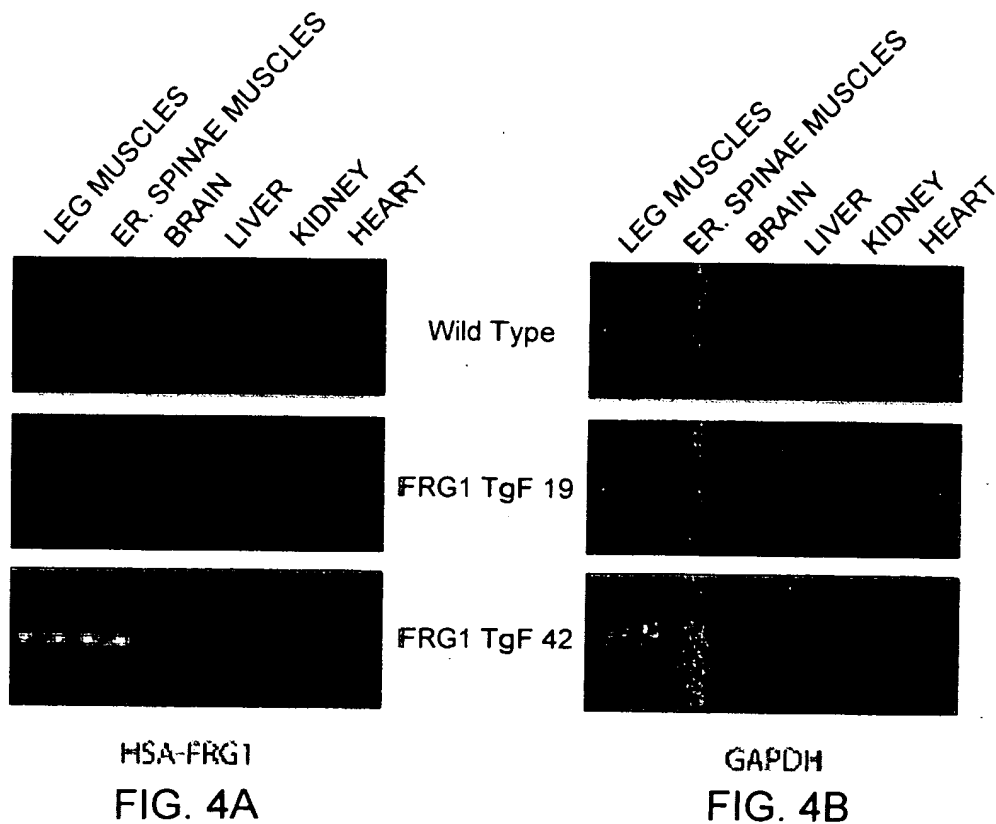


RELATIVE G418<sup>R</sup> COLONIES

FIG. 3B

Applicant(s): Tupler et al.

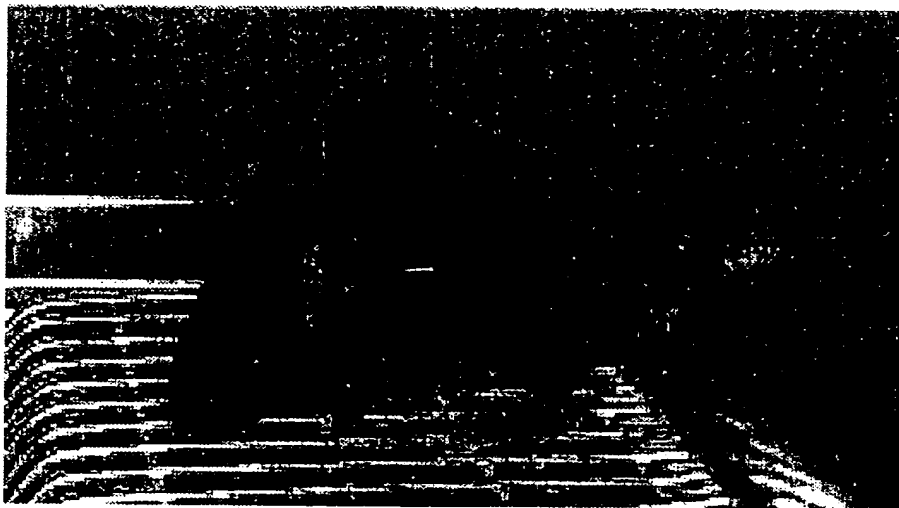
METHODS OF DETECTING AND TREATING  
FACIOSCAPULOHUMERAL MUSCULAR DYSTROPHY





WILD TYPE

FIG. 4D



HAS-FRG1

FIG. 4E



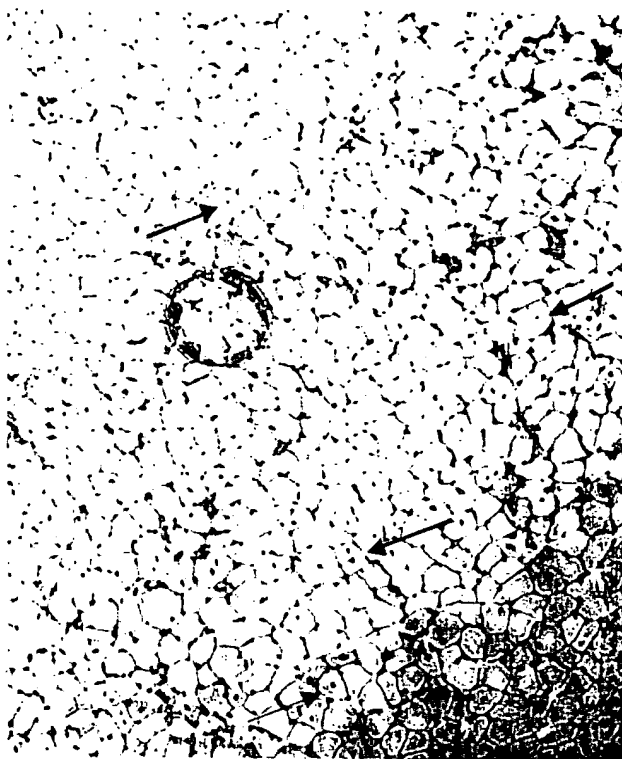


FIG. 5B

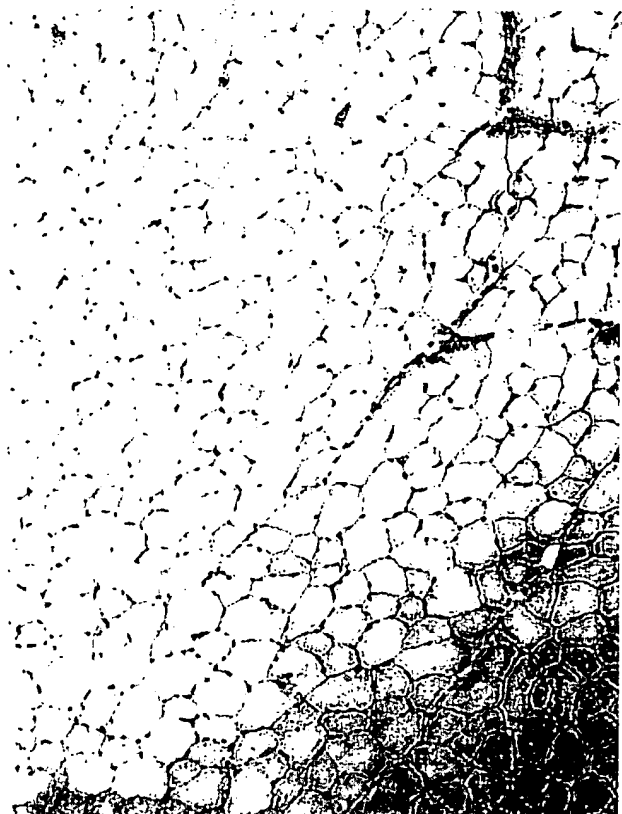


FIG. 5A



FIG. 6B

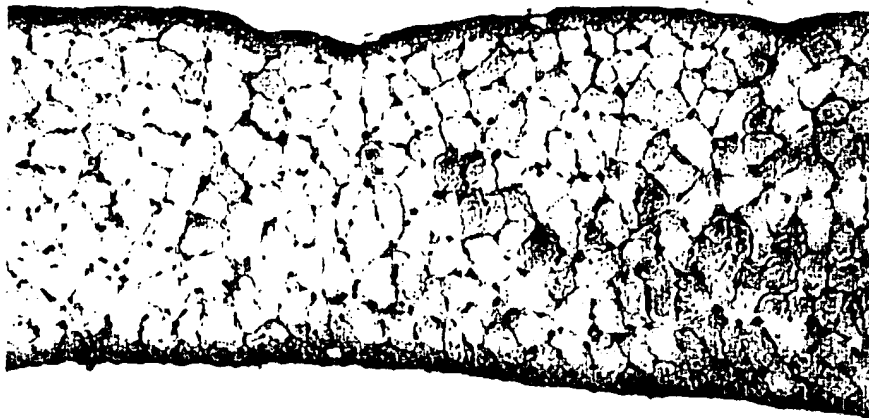


FIG. 6A

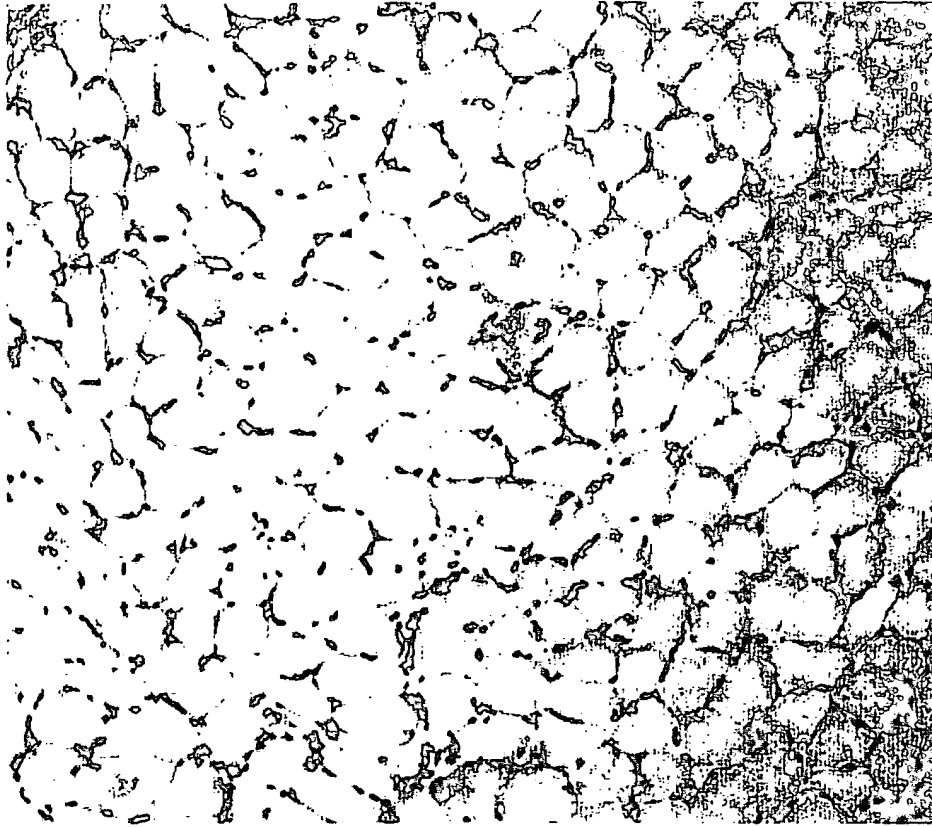


FIG. 7B

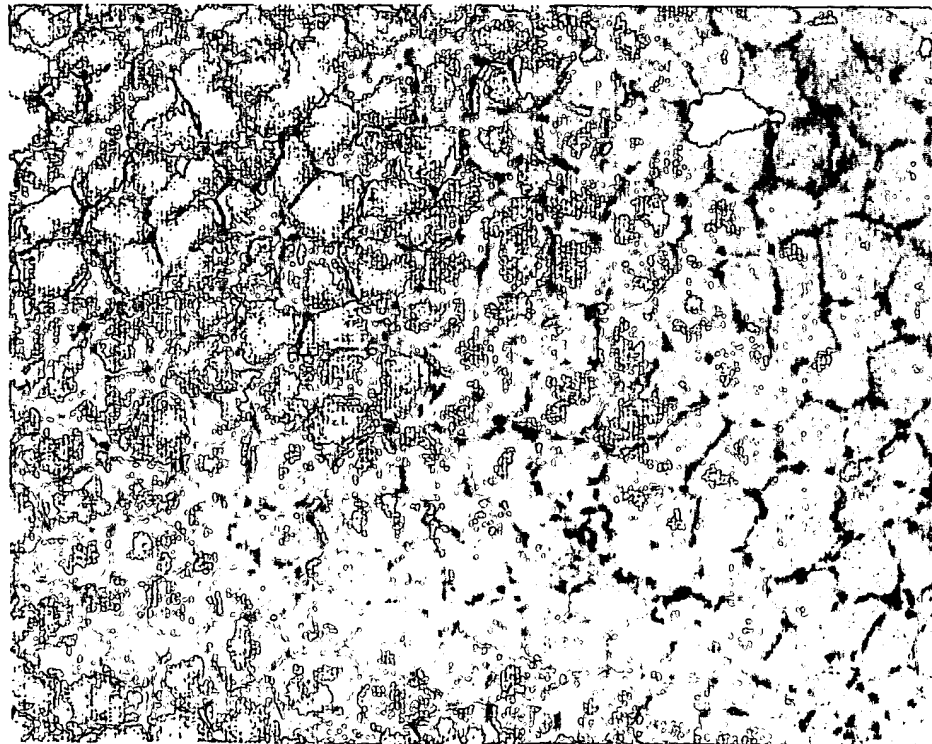


FIG. 7A

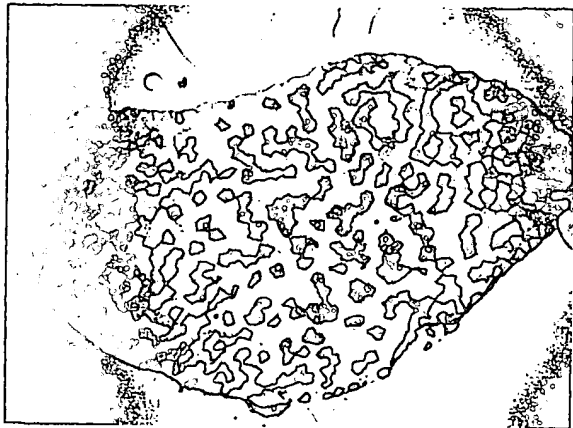


FIG. 8A

$\alpha$ -type 1

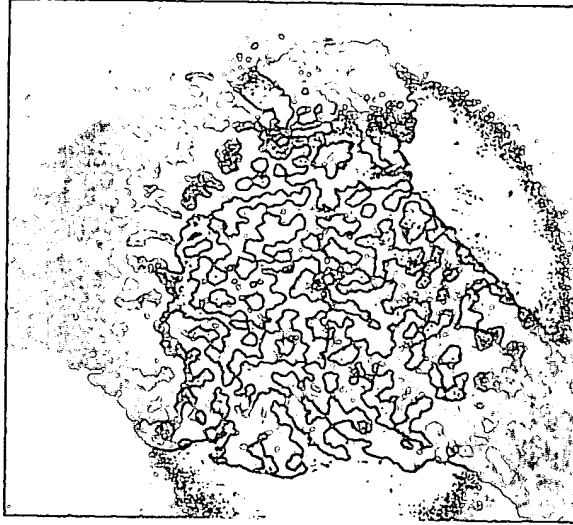


FIG. 8C

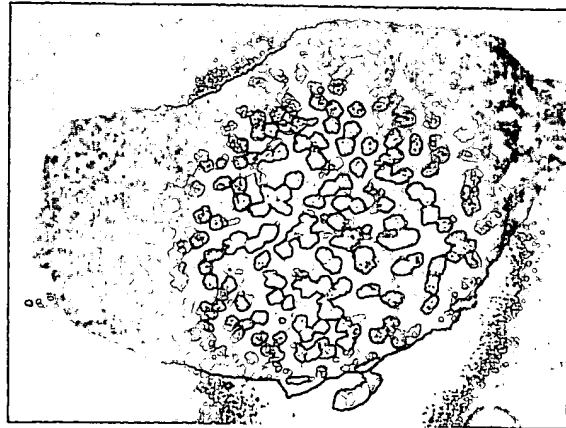


FIG. 8B

$\alpha$ -type 2A



FIG. 8D

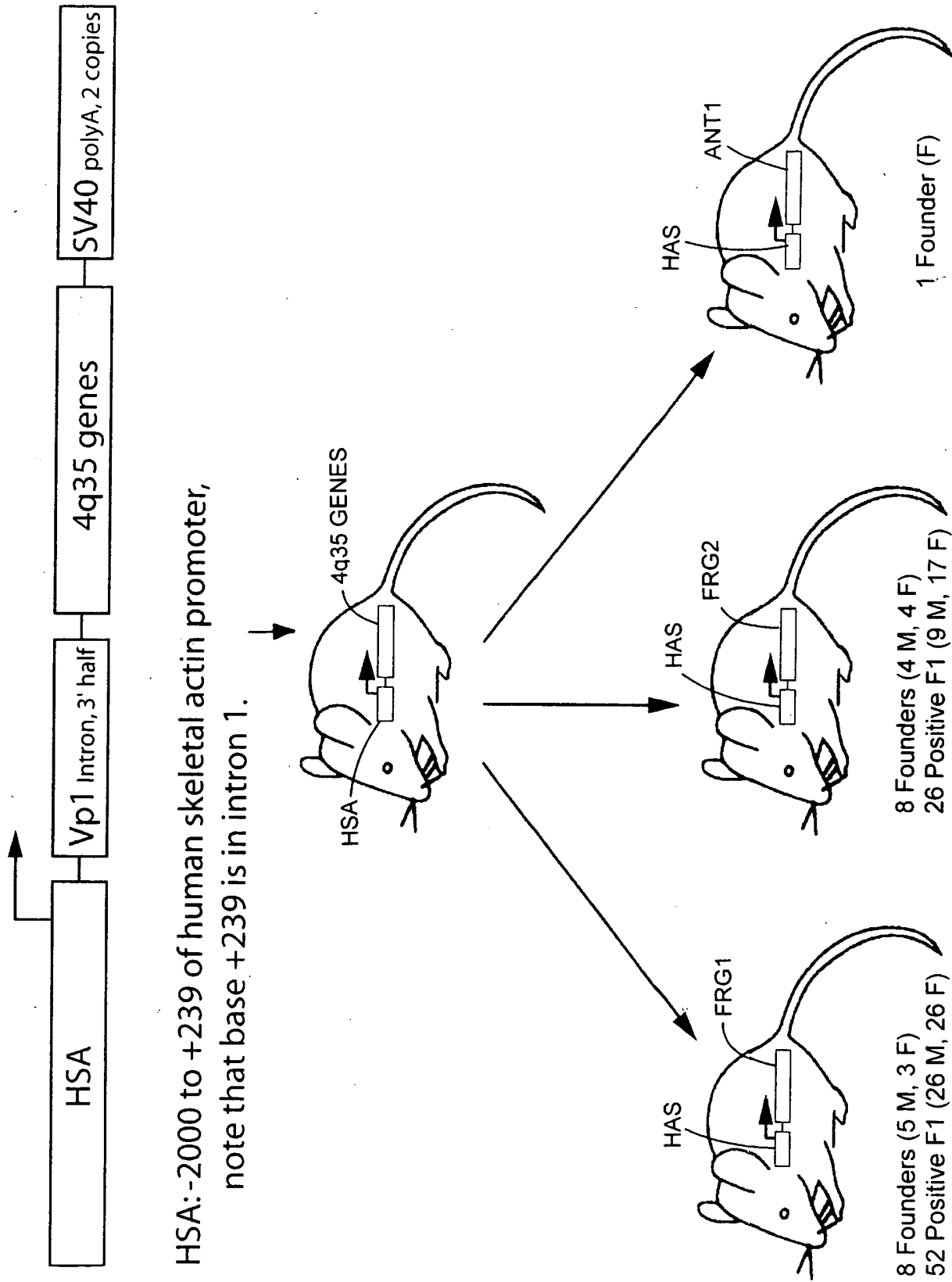


FIG. 9

METHODS OF DETECTING AND TREATING  
 FACIOSCAPULOHUMERAL MUSCULAR DYSTROPHY

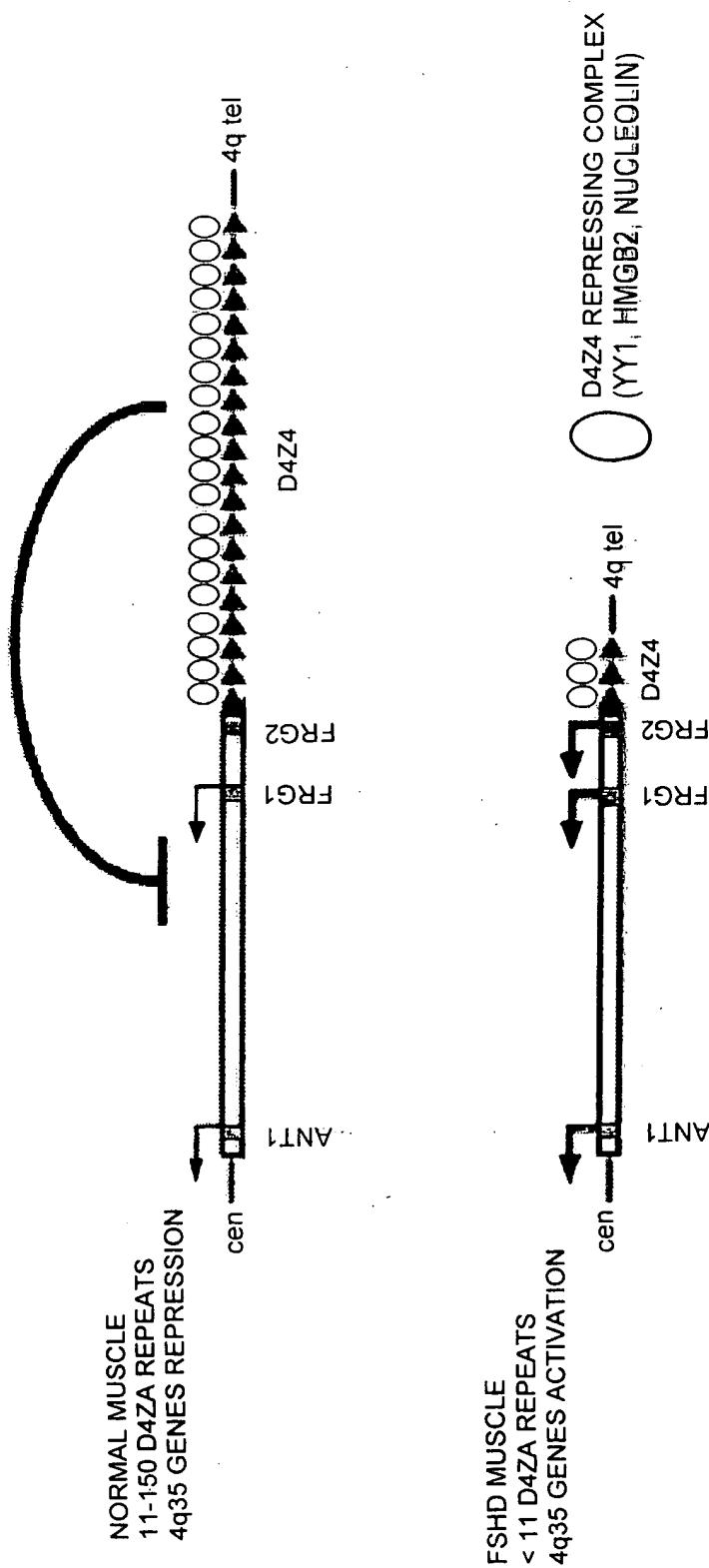


FIG. 10

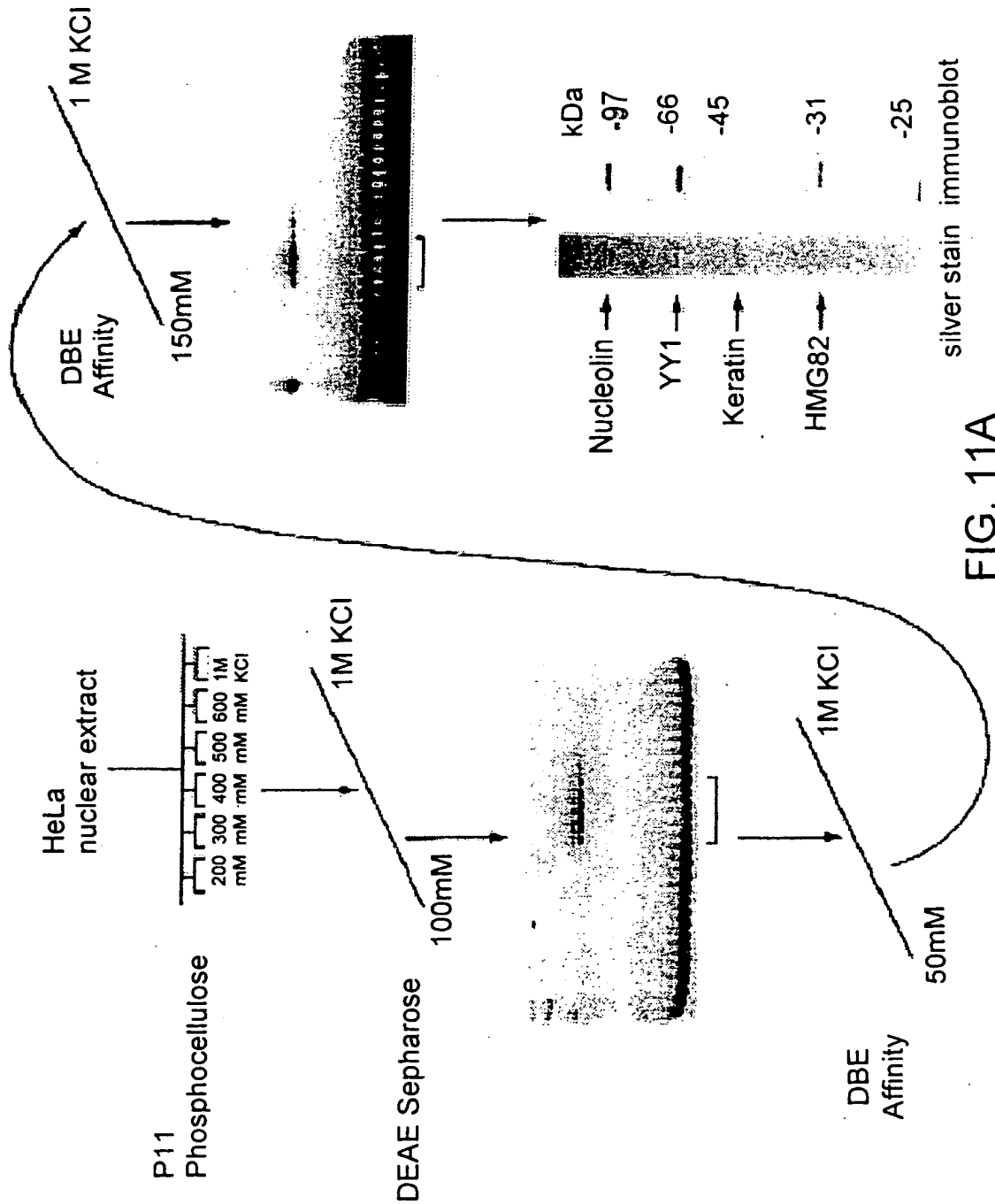


FIG. 11A

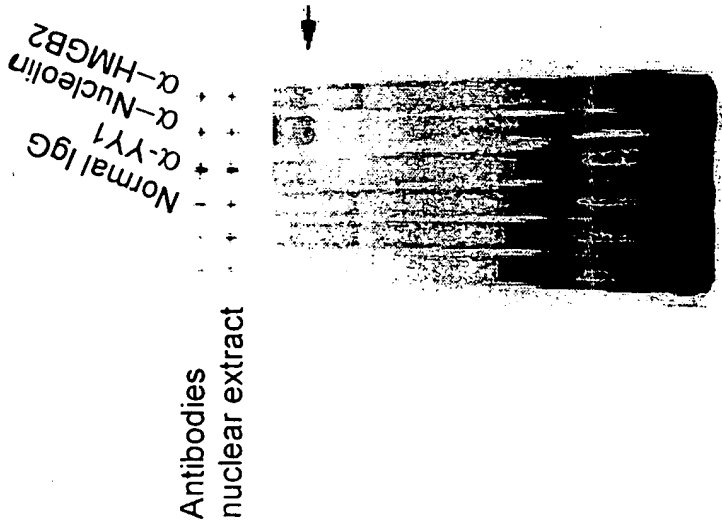
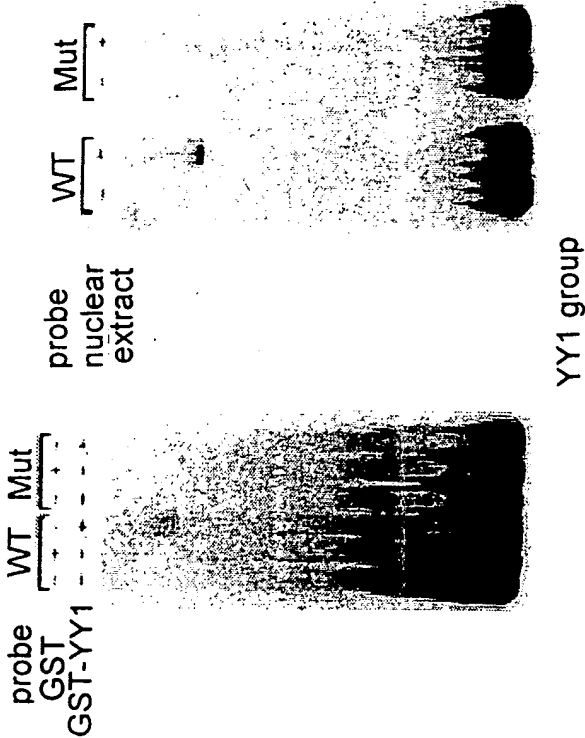


FIG. 11B



WT sequence: CTCACCGCCCATTCATGAAGGGTGGAGCCTGCCTG

Mut sequence: CTCACCGCCGcc CATGAAGGGTGGAGCCTGCCTG

FIG. 11C



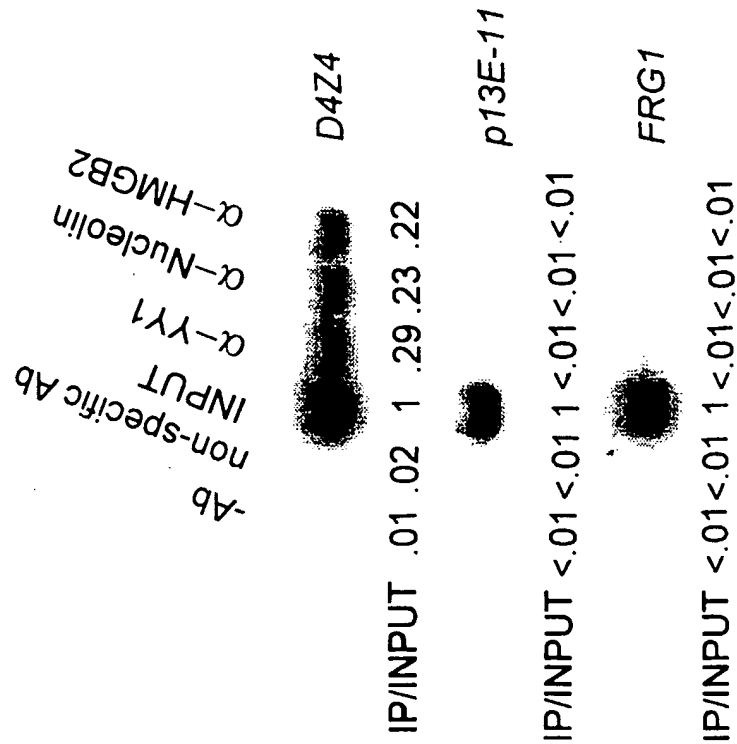


FIG. 12B

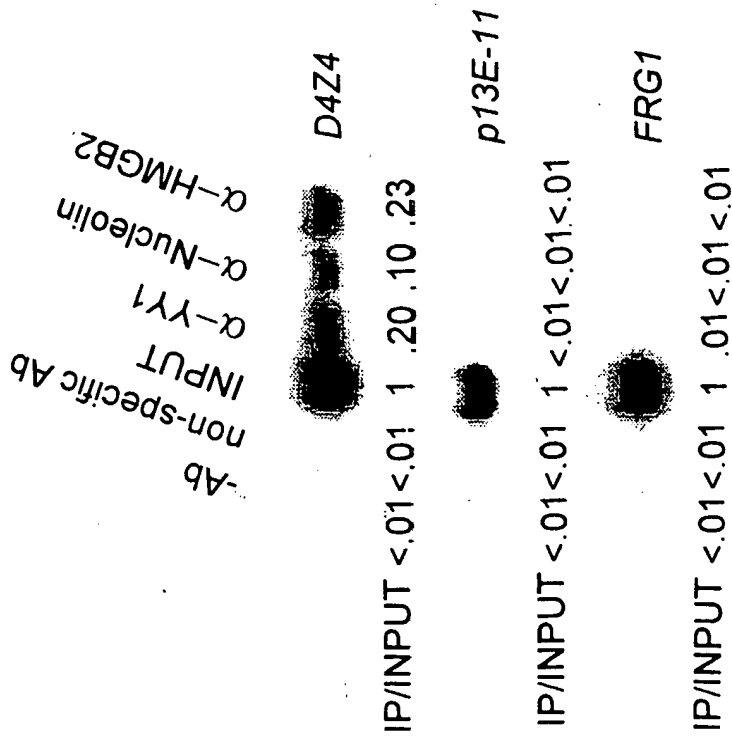


FIG. 12A

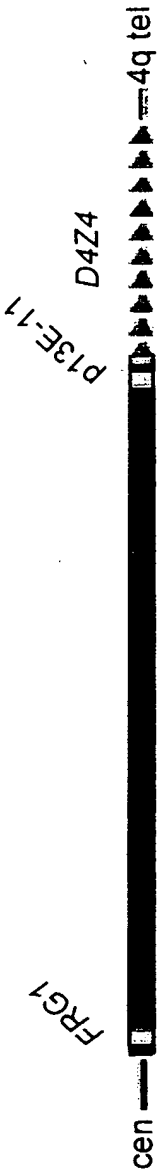
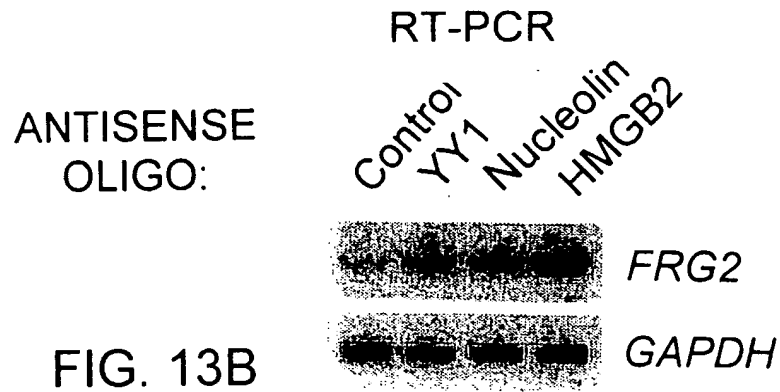
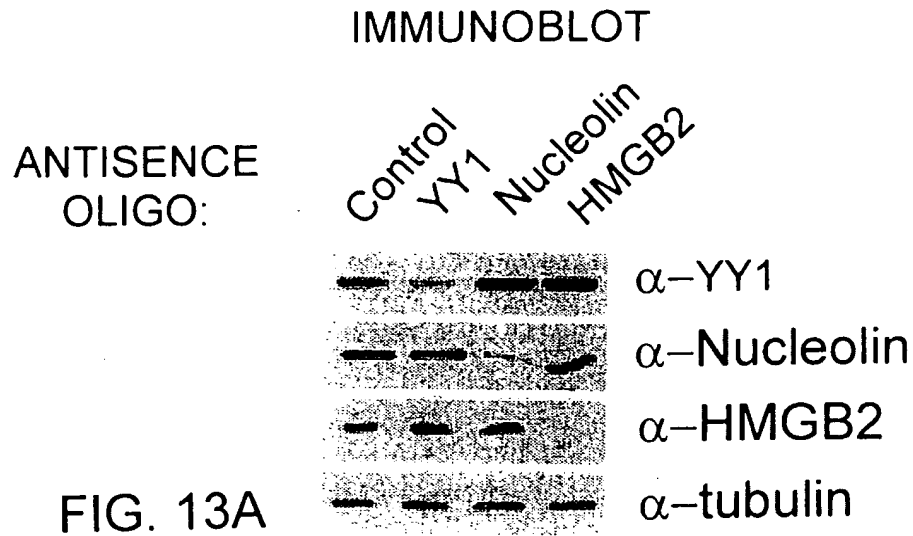


FIG. 12C



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